(3) Sifat Motor (linier) :

$$T(t) = K_m \, i_a(t)$$

K_m : konstanta motor

$\left[\frac{N.m\ sec}{rad} \right]$

(4) Sifat Generator

$$e_b(t) = K_b \, \omega(t)$$

K_b : konstanta GGL lawan (back EMF)

$\left[\frac{Volt.sec}{rad} \right]$

→ $\begin{bmatrix} B \\ K_m \\ K_b \end{bmatrix}$

Model Statik →

$\frac{d\omega(t)}{dt} = 0$ ⎫ Pers (1)

$\frac{di_a(t)}{dt} = 0$ ⎭ Pers (2)

→ $\omega_{nom}, F_{anom}, I_{anom}$